

Application No.: 10/623,898  
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**Amendments to the Claims:**

Please replace all prior versions, and listings of claims in the application with the following listing of claims.

**Listing of claims**

**Claim 1 (original): A system, comprising:**

a service measurement database having stored therein network service measurement data relating to a network; and

a server in communication with the service measurement database, wherein the server estimates a data throughput for a device that is in communication with the network based on the network service measurement data and a parameter received from the device that is in communication with the network.

**Claim 2 (original): The system of claim 1, wherein the server includes an application server.**

**Claim 3 (original): The system of claim 1, wherein the network is one of a wireless network, a wireline network, the Internet, and an intranet.**

**Claim 4 (original): The system of claim 1, wherein the device includes one of a personal computer and a handheld computing device.**

**Claim 5 (original): The system of claim 1, further comprising a modem in communication with the device.**

**Claim 6 (original): The system of claim 5, wherein the server communicates the throughput of the network to the modem.**

**Claim 7 (original): The system of claim 5, wherein the modem is configured to display an indication of the throughput of the network.**

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**Claim 8 (original):** The system of claim 5, wherein the modem includes a display area that is configured to display an indication of the throughput of the network.

**Claim 9 (original):** The system of claim 1, wherein the server is in communication with a service center.

**Claim 10 (original):** The system of claim 5, wherein the modem is one of a wireless modem and a landline modem.

**Claim 11 (previously presented):** A method of communicating a relative network throughput to a user of a device, comprising:  
receiving a first parameter from a communications device that is in communication with a computing device;  
receiving a second parameter from a service measurement database;  
calculating the relative network throughput based on the first and second parameters;  
and  
communicating the relative network throughput to the communications device.

**Claim 12 (original):** The method of claim 11, wherein receiving the first parameter includes receiving the first parameter via a network.

**Claim 13 (original):** The method of claim 12, wherein receiving the first parameter via a network includes receiving the first parameter via the Internet.

**Claim 14 (currently amended):** The method of claim 11, wherein receiving a first parameter includes receiving one of a received signal strength (RSS), a signal-to-interference ~~ratio~~ ratio (SIR), a primary serving site, a sector, and a carrier.

**Claim 15 (original):** The method of claim 11, wherein receiving a second parameter includes receiving one of an indication of total voice traffic/sector/carrier, an indication of total data traffic/sector/carrier, an indication of origination failures, and an indication of dropped calls.

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**Claim 16 (original):** The method of claim 11, wherein communicating the network throughput to the communications device includes communicating the network throughput to a modem.

**Claim 17 (original):** The method of claim 16, further comprising displaying the network throughput on the modem.

**Claim 18 (original):** The method of claim 11, wherein calculating the network throughput includes calculating a forward link relative throughput.

**Claim 19 (original):** The method of claim 11, wherein calculating the network throughput includes calculating the network throughput as one of a numerical value and a range of numerical values.

**Claim 20 (previously presented):** An apparatus, comprising:  
    means for receiving a first parameter from a communications device that is in communication with a computing device;  
    means for receiving a second parameter from a service measurement database;  
    means for calculating a network throughput based on the first and second parameters;  
and  
    means for communicating the network throughput to the communications device.